

§ 908.2

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(i) *Weather modification apparatus.* Any apparatus used with the intention of producing artificial changes in the composition, behavior, or dynamics of the atmosphere. For example: Seeding generators, propane devices, flares, rockets, artillery projectiles, jet engines, etc.

(j) *Sponsor.* The primary person for whom the weather modification activity is performed.

(k) *Operator.* The person who is primarily responsible for carrying out the weather modification activity.

[41 FR 23394, June 10, 1976, as amended at 46 FR 32233, June 22, 1981]

§ 908.2 Persons subject to reporting.

Any person engaged or intending to engage in any weather modification activity in the United States shall be subject to the reporting provisions of this part.

§ 908.3 Activities subject to reporting.

(a) The following, when conducted as weather modification activities, shall be subject to reporting:

(1) Seeding or dispersing of any substance into clouds or fog, to alter drop size distribution, produce ice crystals or coagulation of droplets, alter the development of hail or lightning, or influence in any way the natural development cycle of clouds or their environment;

(2) Using fires or heat sources to influence convective circulation or to evaporate fog;

(3) Modifying the solar radiation exchange of the earth or clouds, through the release of gases, dusts, liquids, or aerosols into the atmosphere;

(4) Modifying the characteristics of land or water surfaces by dusting or treating with powders, liquid sprays, dyes, or other materials;

(5) Releasing electrically charged or radioactive particles, or ions, into the atmosphere;

(6) Applying shock waves, sonic energy sources, or other explosive or acoustic sources to the atmosphere;

(7) Using aircraft propeller downwash, jet wash, or other sources of artificial wind generation; or

(8) Using lasers or other sources of electromagnetic radiation.

(b) In addition to the activities listed above, other similar activities falling within the definition of weather modification as set forth in § 908.1 are also subject to reporting.

(c) The requirement for reporting shall not apply to activities of a purely local nature that can reasonably be expected not to modify the weather outside of the area of operation. This exception is presently restricted to the use of lightning deflection or static discharge devices in aircraft, boats, or buildings, and to the use of small heat sources, fans, fogging devices, aircraft downwash, or sprays to prevent the occurrence of frost in tracts or fields planted with crops susceptible to frost or freeze damage. Also expected from the requirement for reporting are religious activities or other ceremonies, rites and rituals intended to modify the weather.

(d) All activities noted in paragraphs (a) and (b) of this section are subject to initial reporting. However, after the Administrator has received initial notification of a planned activity, he may waive some of the subsequent reporting requirements. This decision to waive certain reporting requirements will be based on the general acceptability, from a technical or scientific viewpoint, of the apparatus and techniques to be used.

(e) Other reporting exceptions may be made in the future by rule of the Administrator.

§ 908.4 Initial report.

(a) Any person intending to engage in any weather modification project or activity in the United States shall provide a report of his intention, to be received by the Administrator at least 10 days before the commencement of such project or activity. This report shall contain at least the following:

(1) The designation, if any, used by the operator for the project or activity;

(2) The following dates for weather modification activities:

(i) The date the first actual weather modification activity is to be undertaken;

(ii) The date on which the final modification activity is expected to occur;